

Central heating control system - has central computer evaluating individual room temperatures and controlling heater valves according to set points

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Abstract of DE 4203613 (A1)

The control system has heating elements in different rooms, at least one heat source, a circulating fluid circuit with pump attached by a mixing valve to the heat source and distribution pipes connected by adjustable valves in the rooms to the heating elements. The system is controlled by a time clock and comparison of actual temperature with required temperature switches the pump and/or the mixing valve on or off. A central computer controls the individual room valves and depending on the room temperature settings, opens fully the room valve where the maximum heating is needed, whilst the other room valves are only partially opened (throttled). ADVANTAGE - Exact and rapid control of temperature in individual rooms.

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